# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

**Laboratory Name :** HPCL JAIPUR QUALITY CONTROL LAB, HPCL JAIPUR TERMINAL, JAIPUR, RAJASTHAN, INDIA

**Accreditation Standard** ISO/IEC 17025:2017

**Certificate Number** TC-9212 **Page No** 1 of 2

**Validity** 13/01/2023 to 12/01/2025 **Last Amended on** 16/02/2023

| S.No | Discipline / Group | Materials or Products tested | Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed | Test Method Specification against which tests are performed and / or the techniques / equipment used |
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| Permanent Facility | | | | |
| 1 | CHEMICAL- PETROLEUM AND PRODUCTS | Automotive Diesel Fuel, High Speed Diesel | CALCULATED CETANE INDEX | ASTM D4737 |
| 2 | CHEMICAL- PETROLEUM AND PRODUCTS | Automotive Diesel Fuel, High Speed Diesel | CALCULATED CETANE INDEX | ISO 4264 |
| 3 | CHEMICAL- PETROLEUM AND PRODUCTS | Automotive Diesel Fuel, High Speed Diesel | FLASH POINT ABEL | IS 1448 : Part 20 |
| 4 | CHEMICAL- PETROLEUM AND PRODUCTS | Automotive Diesel Fuel, High Speed Diesel | FLASH POINT ABEL | ISO 13736 |
| 5 | CHEMICAL- PETROLEUM AND PRODUCTS | Automotive Diesel Fuel, High Speed Diesel | POUR POINT | ASTM D97 |
| 6 | CHEMICAL- PETROLEUM AND PRODUCTS | Automotive Diesel Fuel, High Speed Diesel | POUR POINT | IS 1448 : Part 10 : Sec 2 |
| 7 | CHEMICAL- PETROLEUM AND PRODUCTS | Automotive Diesel Fuel, High Speed Diesel | POUR POINT | ISO 3016 |
| 8 | CHEMICAL- PETROLEUM AND PRODUCTS | Automotive Diesel Fuel, High Speed Diesel | VISCOSITY | ASTM D445 |
| 9 | CHEMICAL- PETROLEUM AND PRODUCTS | Automotive Diesel Fuel, High Speed Diesel | VISCOSITY | IS : 1448 Part 25 SECTION 1 |
| 10 | CHEMICAL- PETROLEUM AND PRODUCTS | Automotive Diesel Fuel, High Speed Diesel | VISCOSITY | ISO 3104 |
| 11 | CHEMICAL- PETROLEUM AND PRODUCTS | Motor Gasoline, Motor Spirit, Automotive Diesel Fuel, High Speed Diesel, Gasohol, Ethanol Blended Motor Spirit | APPEARANCE | WI/JAIQC/01 ISSUE 01 DTD 27/07/20 |
| 12 | CHEMICAL- PETROLEUM AND PRODUCTS | Motor Gasoline, Motor Spirit, Automotive Diesel Fuel, High Speed Diesel, Gasohol, Ethanol Blended Motor Spirit | COLOR | WI/JAIQC/02 ISSUE 01 DTD 27/07/20 |
| 13 | CHEMICAL- PETROLEUM AND PRODUCTS | Motor Gasoline, Motor Spirit, Automotive Diesel Fuel, High Speed Diesel, Gasohol, Ethanol Blended Motor Spirit | COPPER STRIP CORROSION TEST | ASTM D130 |
| 14 | CHEMICAL- PETROLEUM AND PRODUCTS | Motor Gasoline, Motor Spirit, Automotive Diesel Fuel, High Speed Diesel, Gasohol, Ethanol Blended Motor Spirit | COPPER STRIP CORROSION TEST | IS 1448 : Part 15 |
| 15 | CHEMICAL- PETROLEUM AND PRODUCTS | Motor Gasoline, Motor Spirit, Automotive Diesel Fuel, High Speed Diesel, Gasohol, Ethanol Blended Motor Spirit | COPPER STRIP CORROSION TEST | ISO 2160 |
| 16 | CHEMICAL- PETROLEUM AND PRODUCTS | Motor Gasoline, Motor Spirit, Automotive Diesel Fuel, High Speed Diesel, Gasohol, Ethanol Blended Motor Spirit | DENSITY | ASTM D1298 |
| 17 | CHEMICAL- PETROLEUM AND PRODUCTS | Motor Gasoline, Motor Spirit, Automotive Diesel Fuel, High Speed Diesel, Gasohol, Ethanol Blended Motor Spirit | DENSITY | IS 1448 : Part 16 |
| 18 | CHEMICAL- PETROLEUM AND PRODUCTS | Motor Gasoline, Motor Spirit, Automotive Diesel Fuel, High Speed Diesel, Gasohol, Ethanol Blended Motor Spirit | DENSITY | ISO 3675 |

# SCOPE OF ACCREDITATION

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| **Laboratory Name :** | HPCL JAIPUR QUALITY CONTROL LAB, HPCL JAIPUR TERMINAL, JAIPUR, RAJASTHAN, INDIA | | |
| **Accreditation Standard** | ISO/IEC 17025:2017 | | |
| **Certificate Number** | TC-9212 | **Page No** | 2 of 2 |
| **Validity** | 13/01/2023 to 12/01/2025 | **Last Amended on** | 16/02/2023 |

| S.No | Discipline / Group | Materials or Products tested | Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed | Test Method Specification against which tests are performed and / or the techniques / equipment used |
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| 19 | CHEMICAL- PETROLEUM AND PRODUCTS | Motor Gasoline, Motor Spirit, Automotive Diesel Fuel, High Speed Diesel, Gasohol, Ethanol Blended Motor Spirit | DISTILLATION | ASTM D86 |
| 20 | CHEMICAL- PETROLEUM AND PRODUCTS | Motor Gasoline, Motor Spirit, Automotive Diesel Fuel, High Speed Diesel, Gasohol, Ethanol Blended Motor Spirit | DISTILLATION | ASTM D86 |
| 21 | CHEMICAL- PETROLEUM AND PRODUCTS | Motor Gasoline, Motor Spirit, Automotive Diesel Fuel, High Speed Diesel, Gasohol, Ethanol Blended Motor Spirit | DISTILLATION | IS 1448 : Part 18 |
| 22 | CHEMICAL- PETROLEUM AND PRODUCTS | Motor Gasoline, Motor Spirit, Automotive Diesel Fuel, High Speed Diesel, Gasohol, Ethanol Blended Motor Spirit | DISTILLATION | IS 1448 :Part 18 |
| 23 | CHEMICAL- PETROLEUM AND PRODUCTS | Motor Gasoline, Motor Spirit, Automotive Diesel Fuel, High Speed Diesel, Gasohol, Ethanol Blended Motor Spirit | DISTILLATION | ISO 3405 |
| 24 | CHEMICAL- PETROLEUM AND PRODUCTS | Motor Gasoline, Motor Spirit, Automotive Diesel Fuel, High Speed Diesel, Gasohol, Ethanol Blended Motor Spirit | DISTILLATION | ISO 3405 |
| 25 | CHEMICAL- PETROLEUM AND PRODUCTS | Motor Gasoline, Motor Spirit, Automotive Diesel Fuel, High Speed Diesel, Gasohol, Ethanol Blended Motor Spirit | TOTAL SULPHUR | ASTM D5453 |
| 26 | CHEMICAL- PETROLEUM AND PRODUCTS | Motor Gasoline, Motor Spirit, Automotive Diesel Fuel, High Speed Diesel, Gasohol, Ethanol Blended Motor Spirit | TOTAL SULPHUR | ISO 20846 |
| 27 | CHEMICAL- PETROLEUM AND PRODUCTS | Motor Gasoline, Motor Spirit, Gasohol, Ethanol Blended Motor Spirit | ETHANOL CONTENT | IS 2796 - ANNEX C |
| 28 | CHEMICAL- PETROLEUM AND PRODUCTS | Motor Gasoline, Motor Spirit, Gasohol, Ethanol Blended Motor Spirit | GUM CONTENT | ASTM D381 |
| 29 | CHEMICAL- PETROLEUM AND PRODUCTS | Motor Gasoline, Motor Spirit, Gasohol, Ethanol Blended Motor Spirit | GUM CONTENT | IS 1448 : Part 29 |
| 30 | CHEMICAL- PETROLEUM AND PRODUCTS | Motor Gasoline, Motor Spirit, Gasohol, Ethanol Blended Motor Spirit | GUM CONTENT | ISO 6246 |